

1 Abstract

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3 ~~It is an object of the present invention to provide an~~ exhaust gas purifying catalyst
4 formed as a single catalyst that has a great deal of flexibility when being assembled into an
5 exhaust system and that is capable of executing both an NOx absorbing function and a three-way
6 function in a desired manner. To attain the this object, an absorbent catalyst layer to which an
7 absorbent agent such as potassium and an acid material such as zeolite are added, an absorbent
8 agent block layer formed of zeolite, and a three-way catalyst layer to which an acid material such
9 as phosphorus is added are bonded together on a cordierite carrier. The acid material in the
10 absorbent catalyst layer and the absorbent agent block layer inhibit the movement of the
11 absorbent agent to the three-way catalyst layer, and transform the absorbent agent into harmless
12 and stable potassium phosphate even if the absorbent agent reaches the three-way catalyst.

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